

Figure 1: Chemical Structures of Illustrative Nucleosides

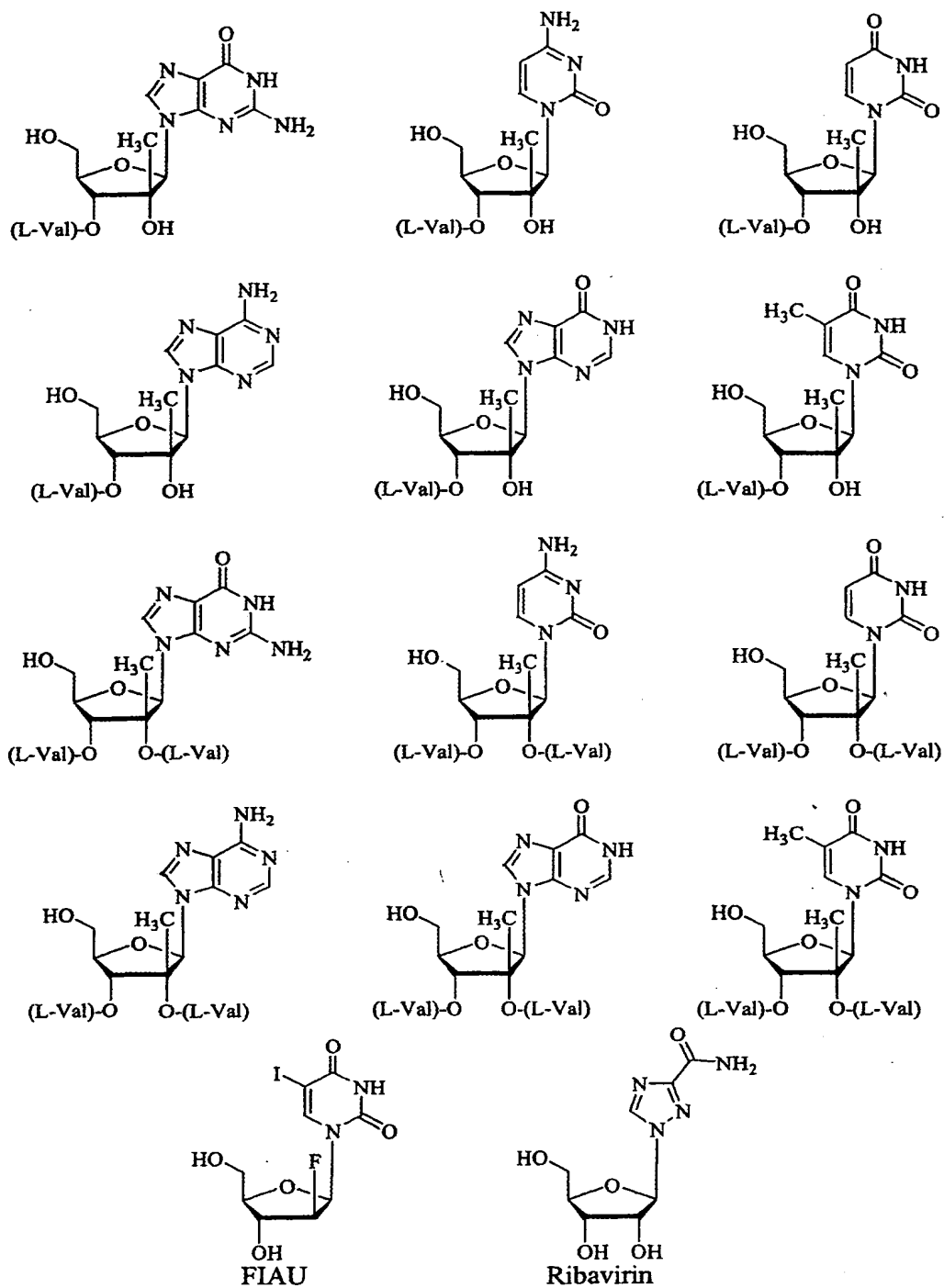


Figure 2

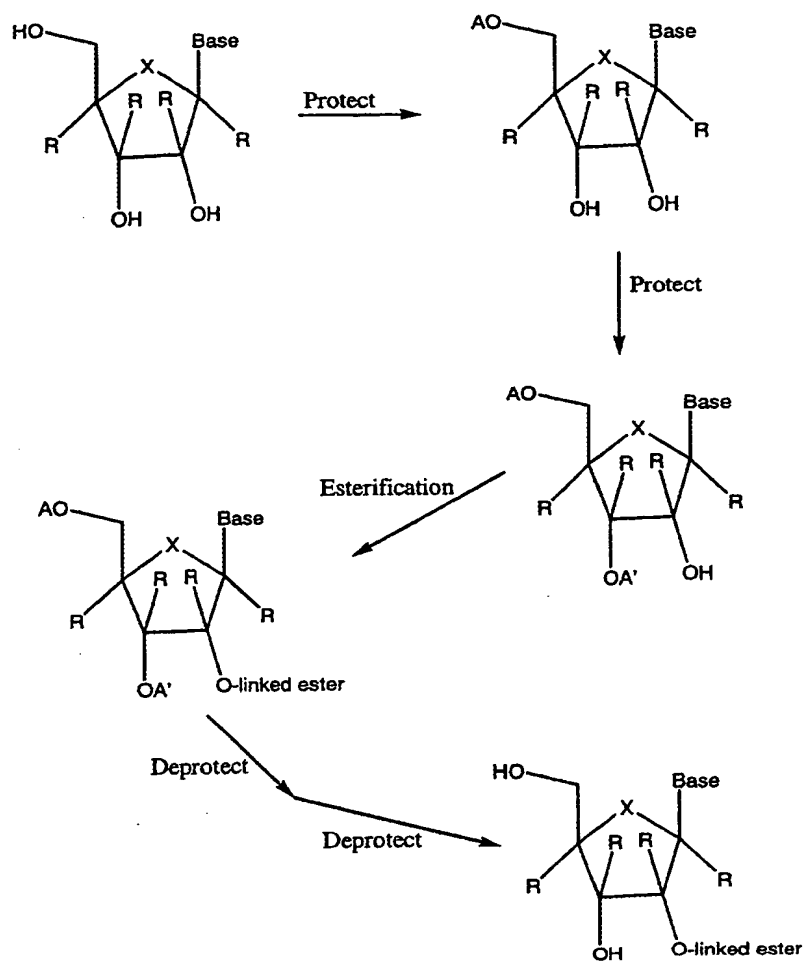


Figure 3

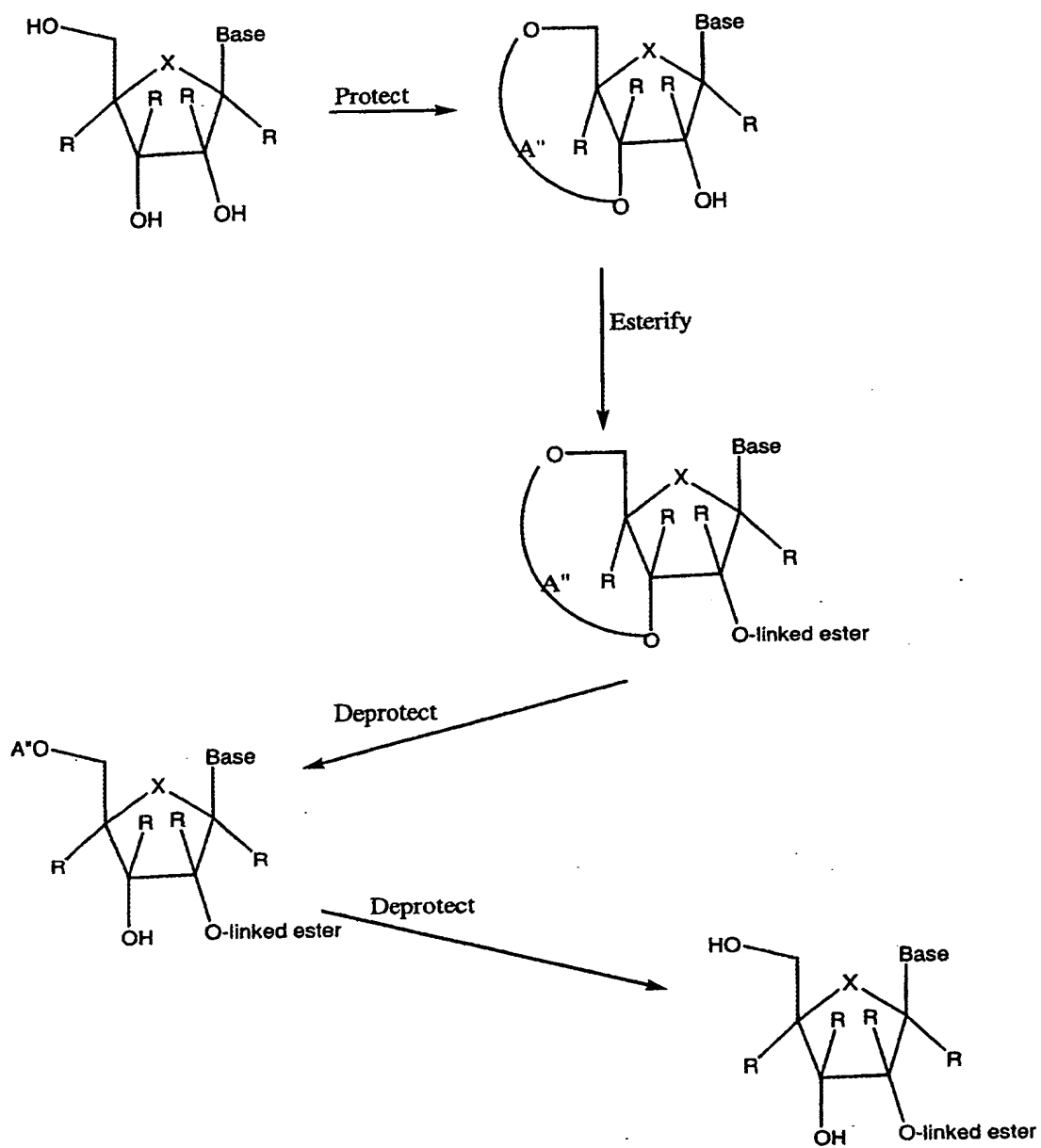


Figure 4

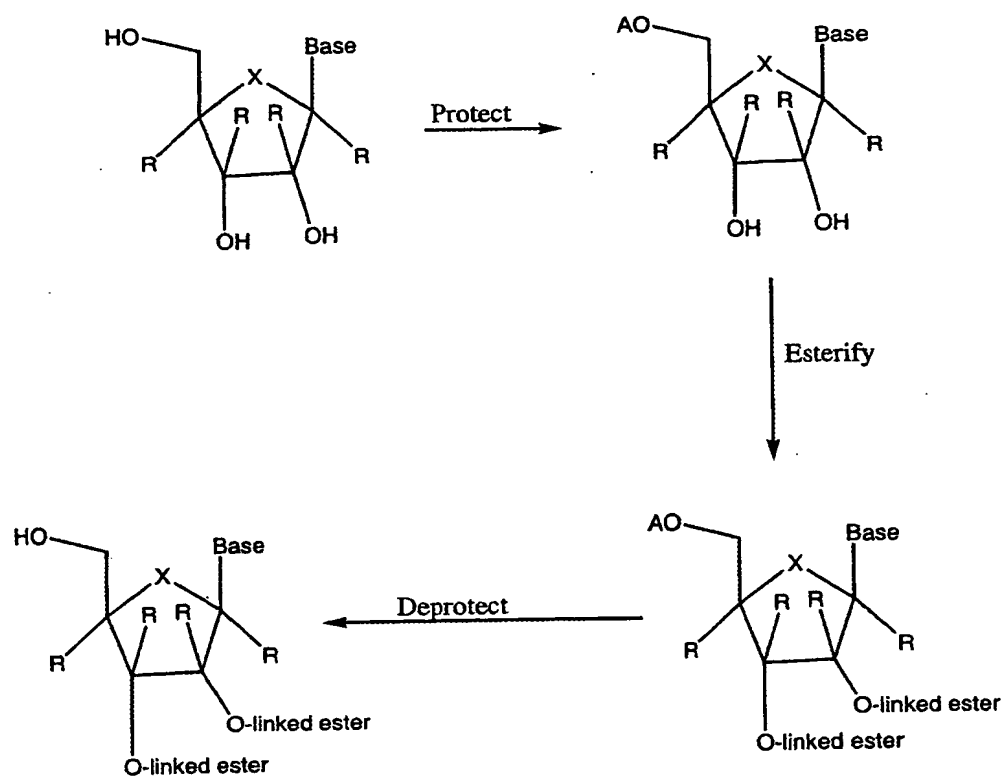
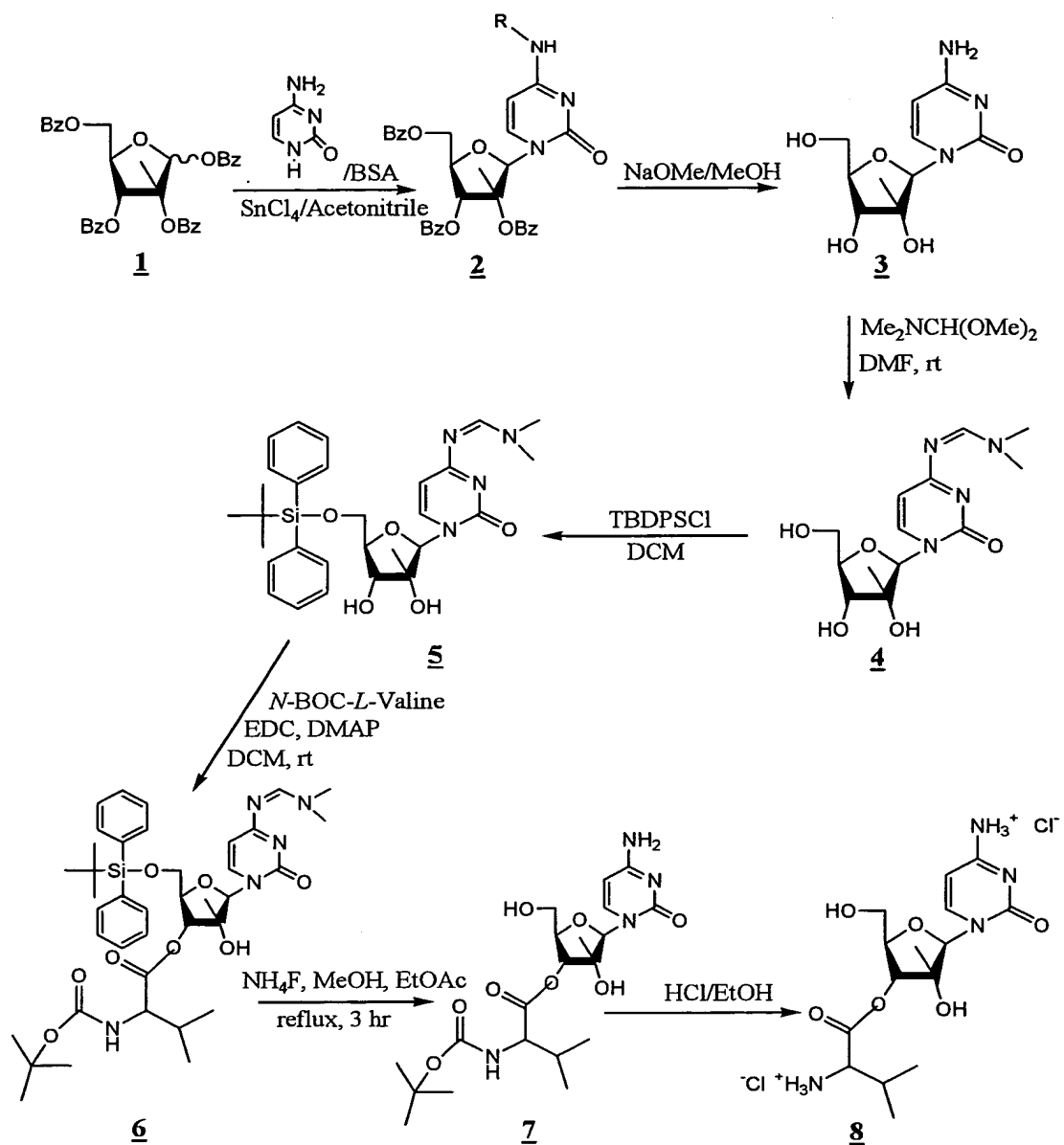
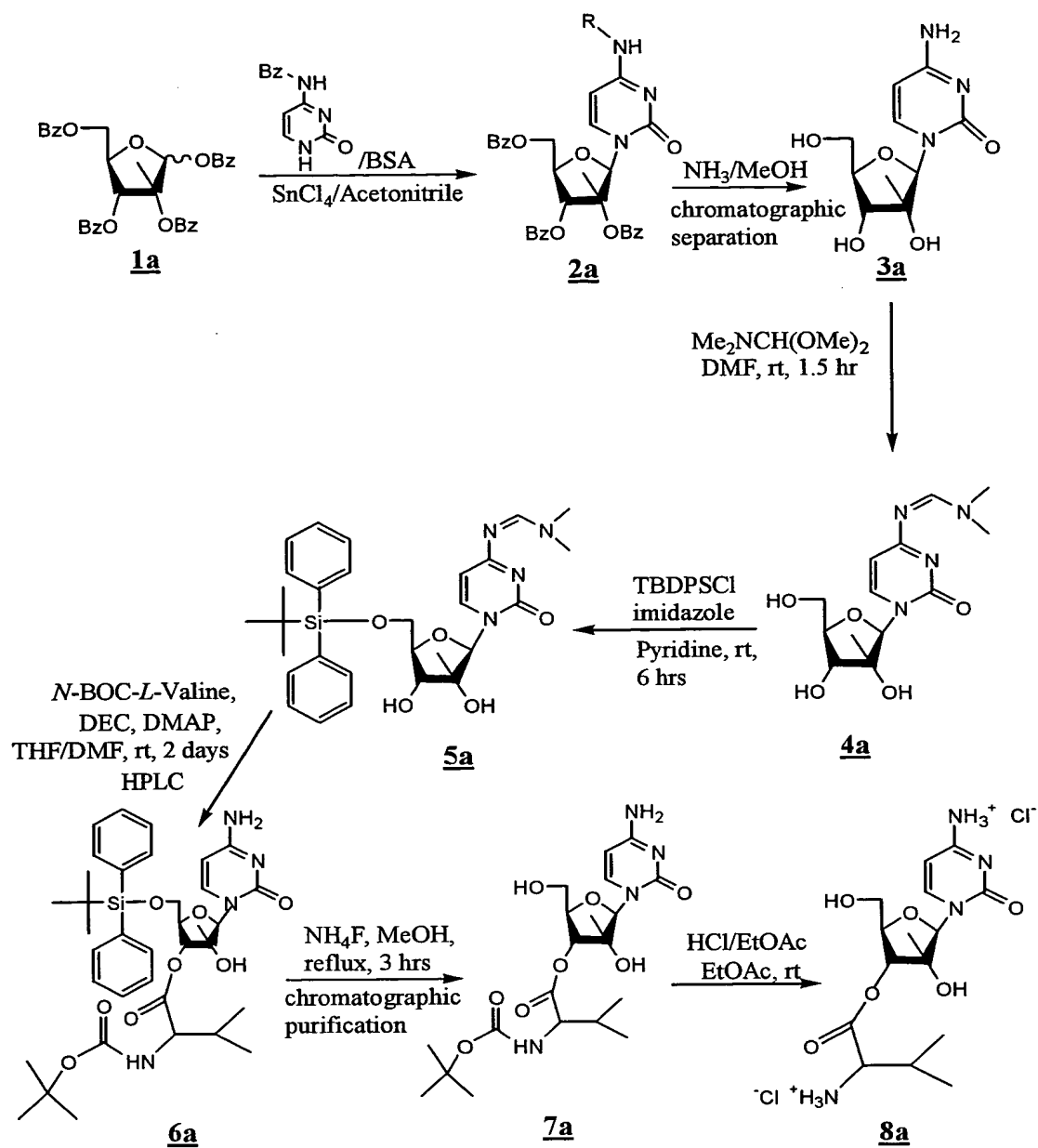


Figure 5



where: $\text{R} = \text{H}$

Figure 6



Figur 7

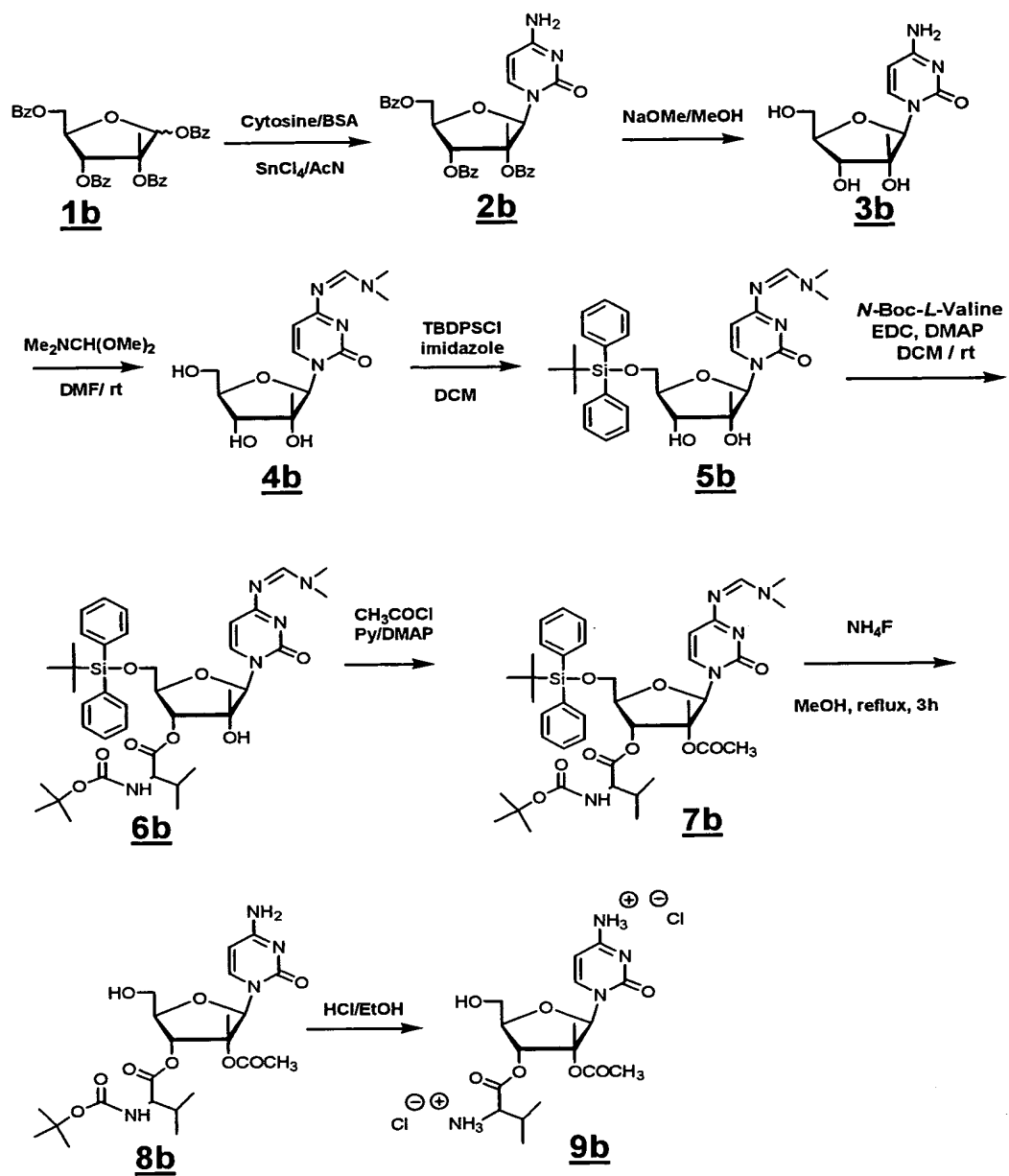
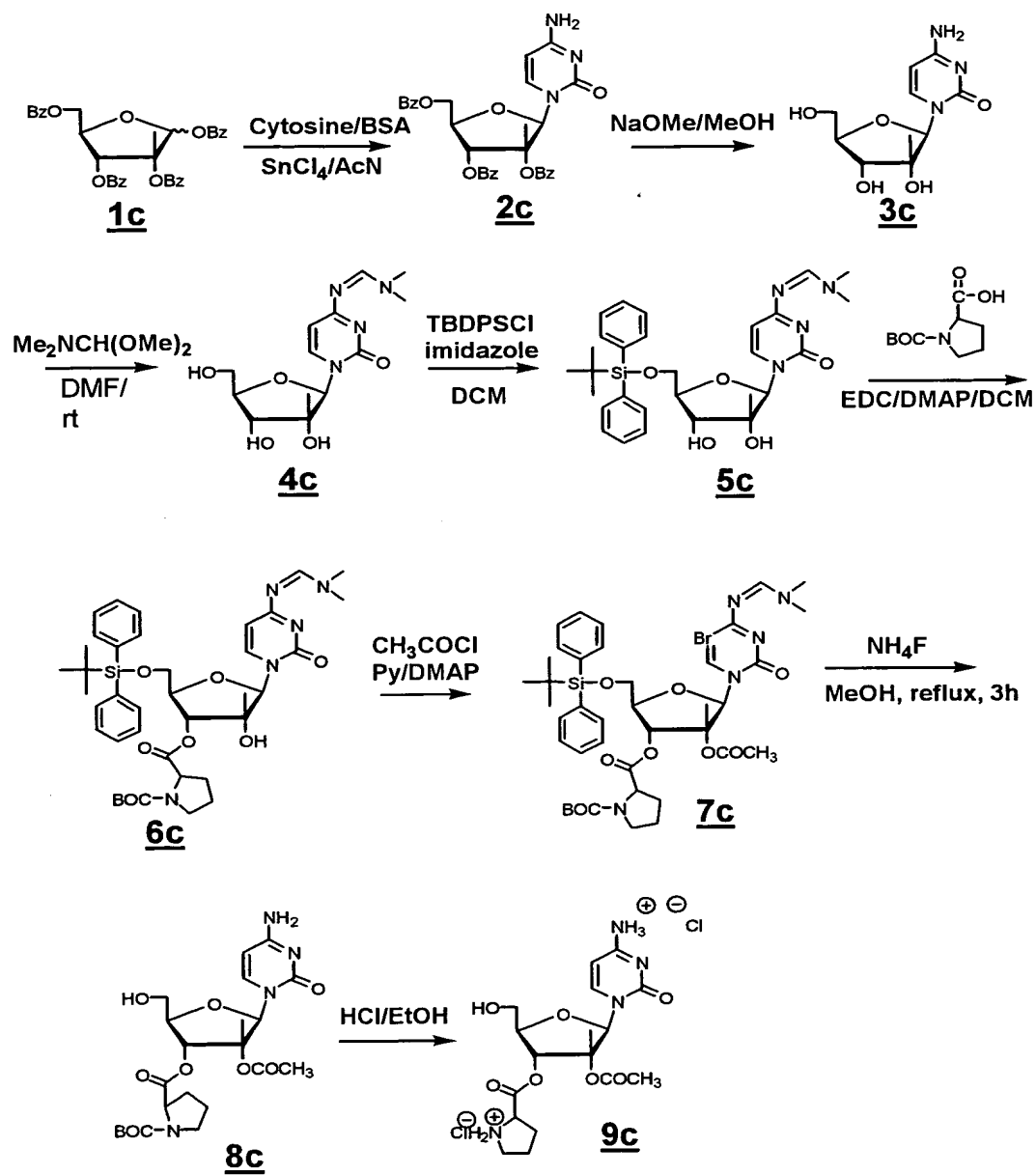


Figure 8



Figur 9

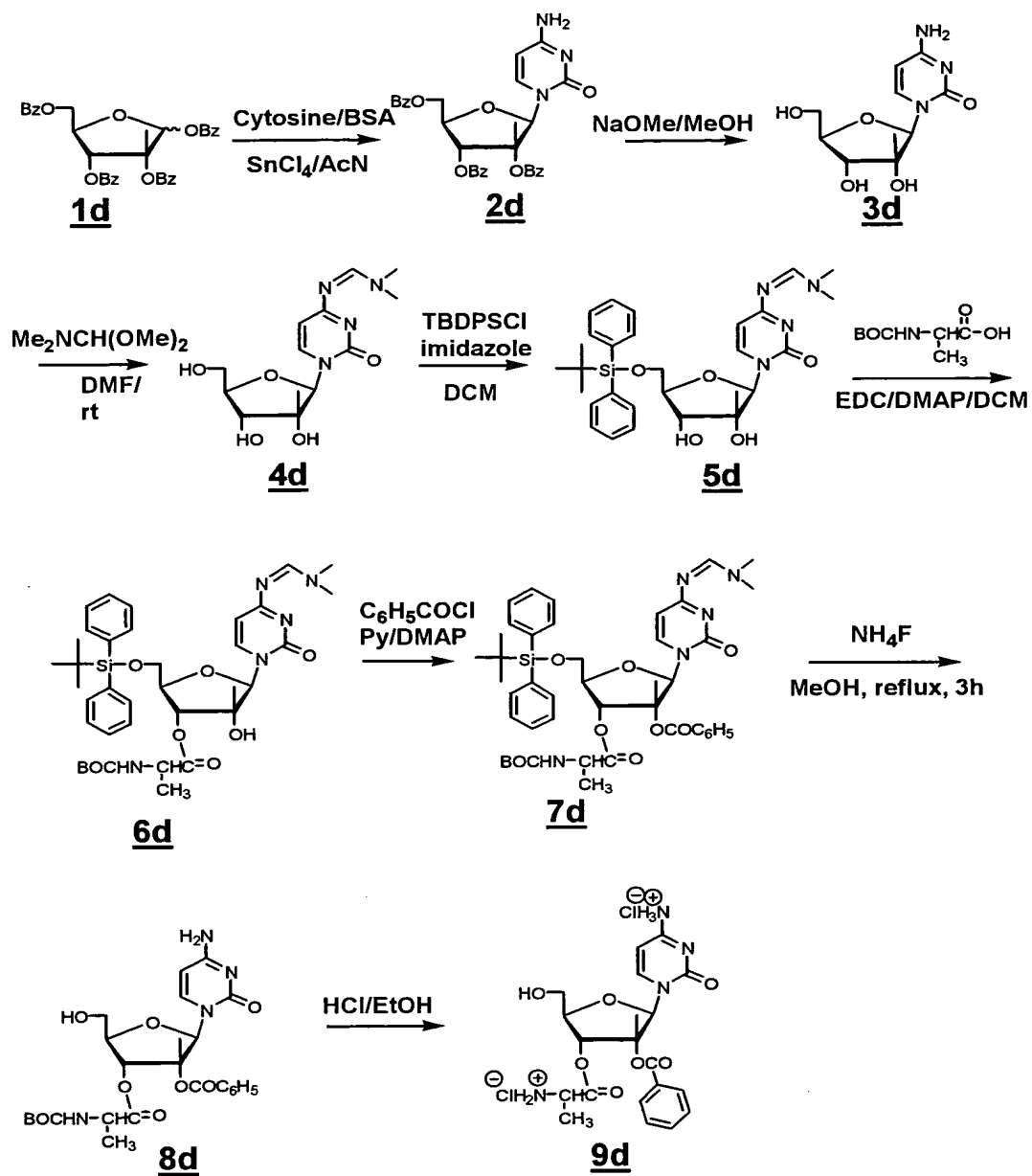


Figure 10

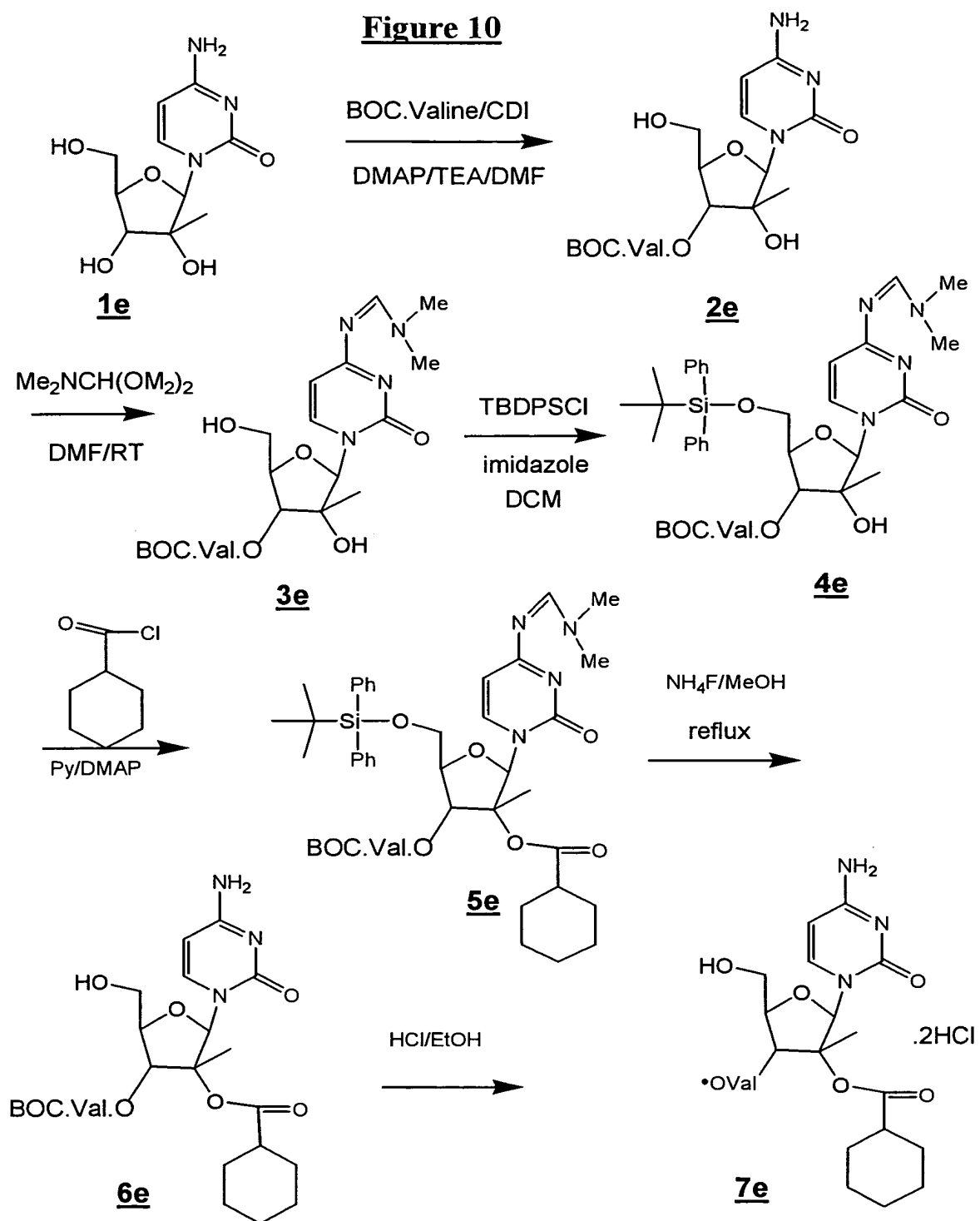
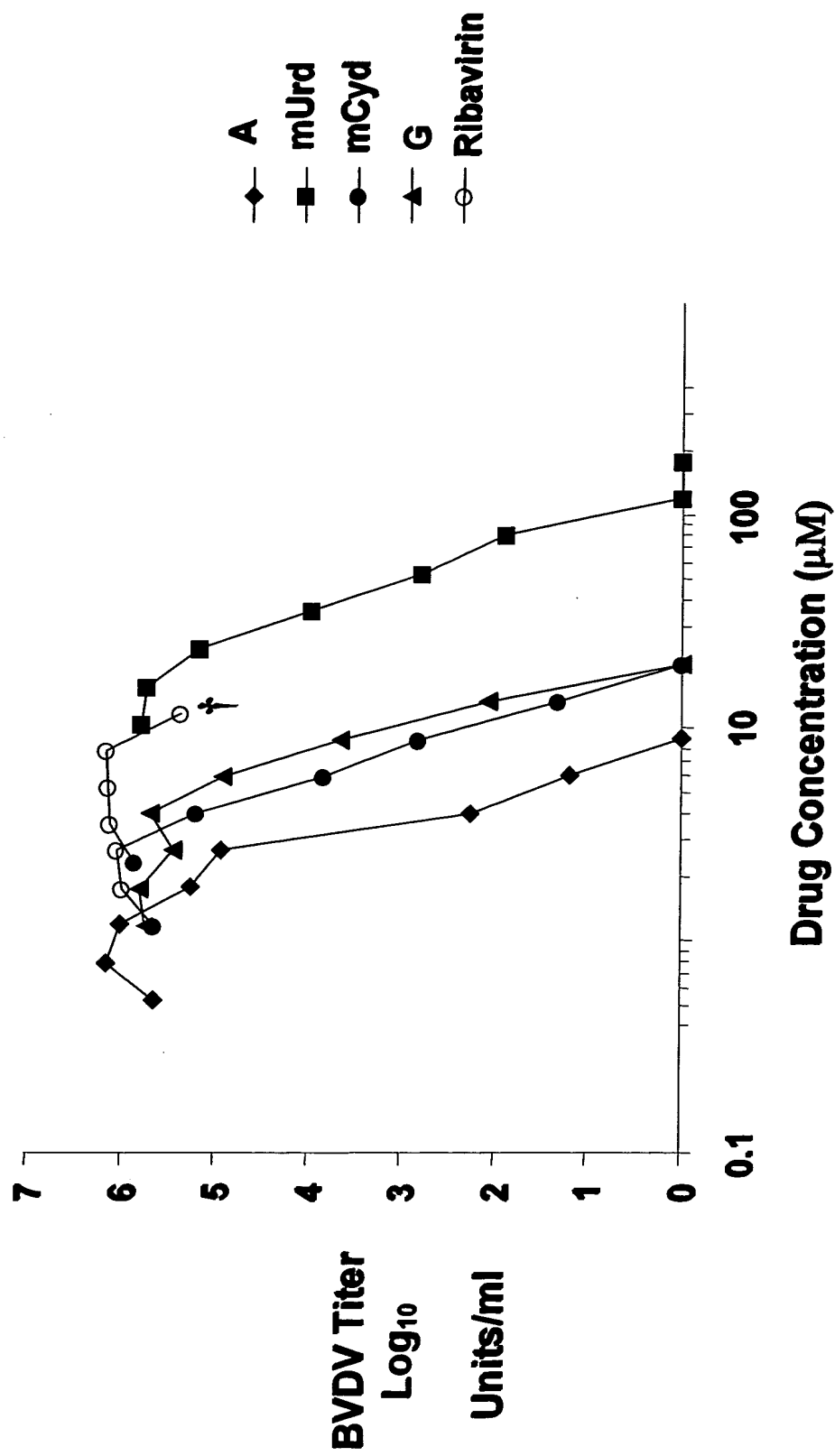
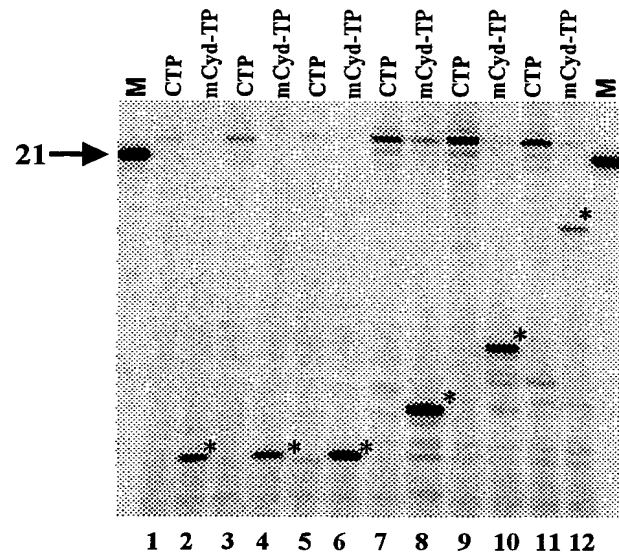


Figure 11



† Ribavirin effect reflects cytotoxicity rather than activity

Figure 12



Lane #	template	→
1-2	(-21)	3' CAUAU <u>G</u> CUCUAAUCUUUUUCC
3-4	(-21)-7G	3' CAUAU <u>G</u> GUCUAAUCUUUUUCC
5-6	(-21)-9G	3' CAUAU <u>G</u> CU <u>G</u> UAAUCUUUUUCC
7-8	(-21)-6C/7G	3' CAUAUCC <u>G</u> UCUAAUCUUUUUCC
9-10	(-21)-6C/9G	3' CAUAUCCU <u>G</u> UAAUCUUUUUCC
11-12	(-21)-6C/15G	3' CAUAUCCUCUAAAU <u>G</u> UUUUUCC

Figure 13

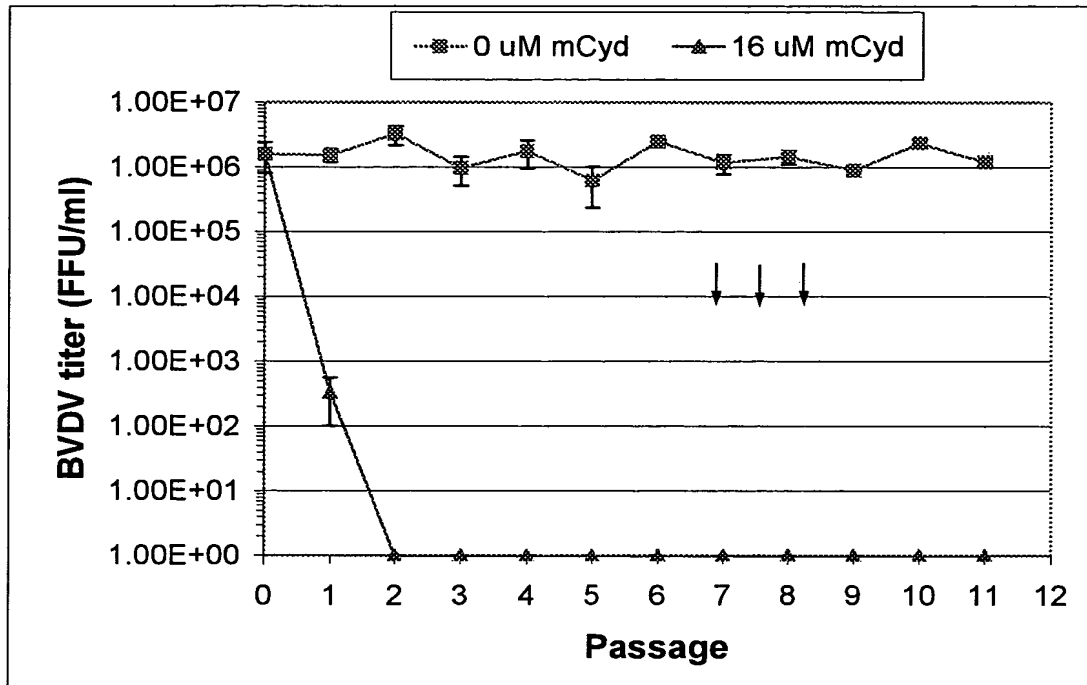


Figure 14

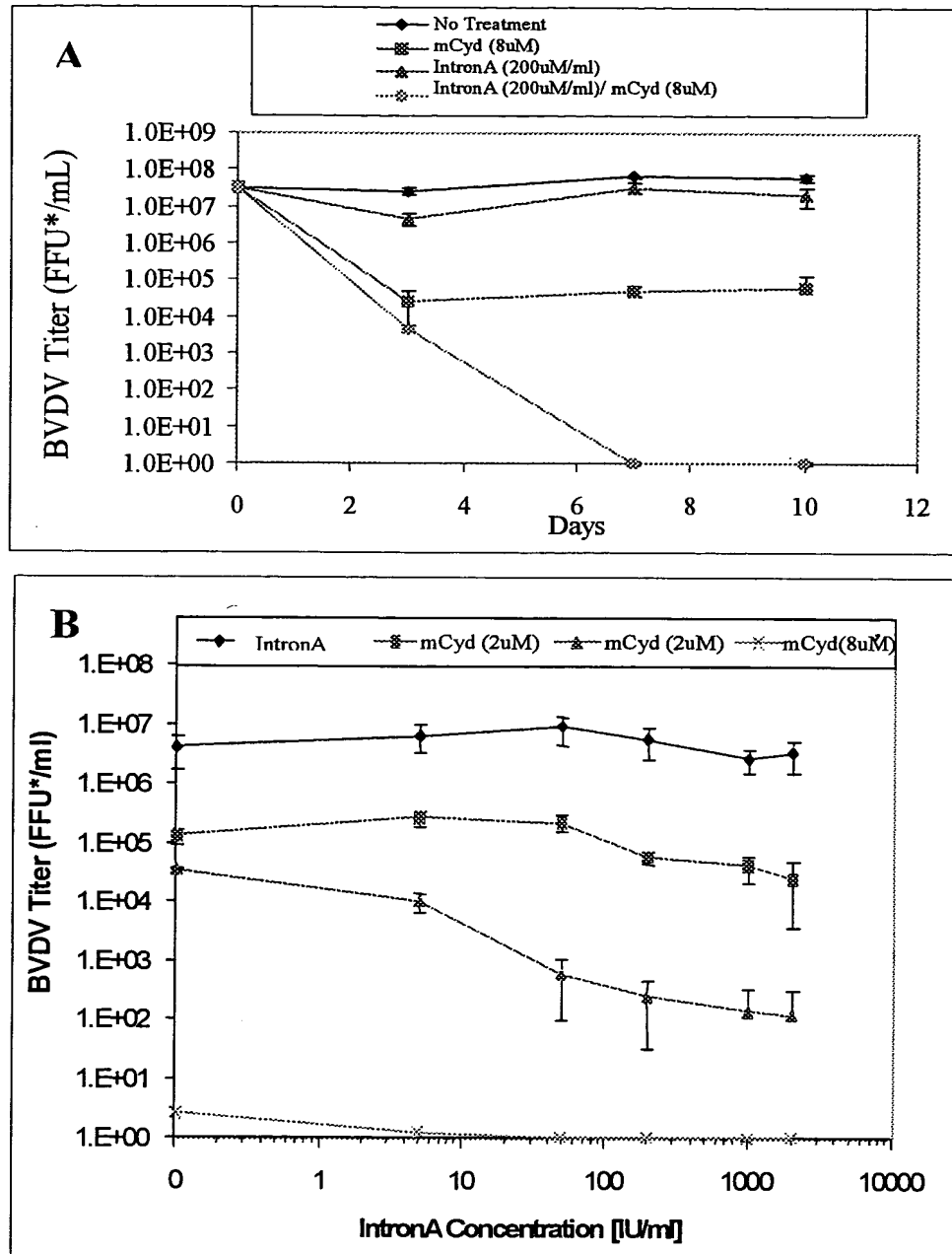


Figure 15

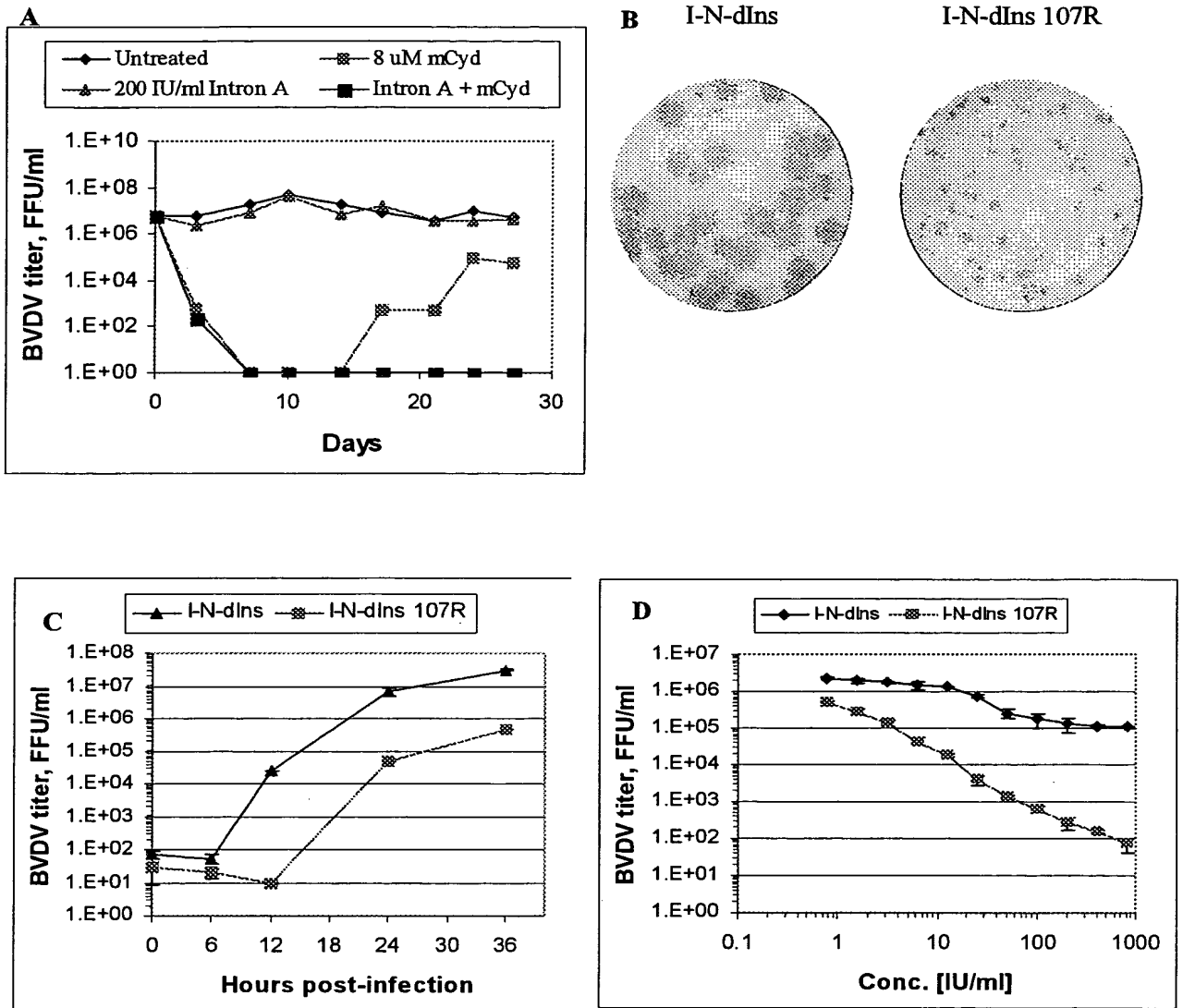


Figure 16

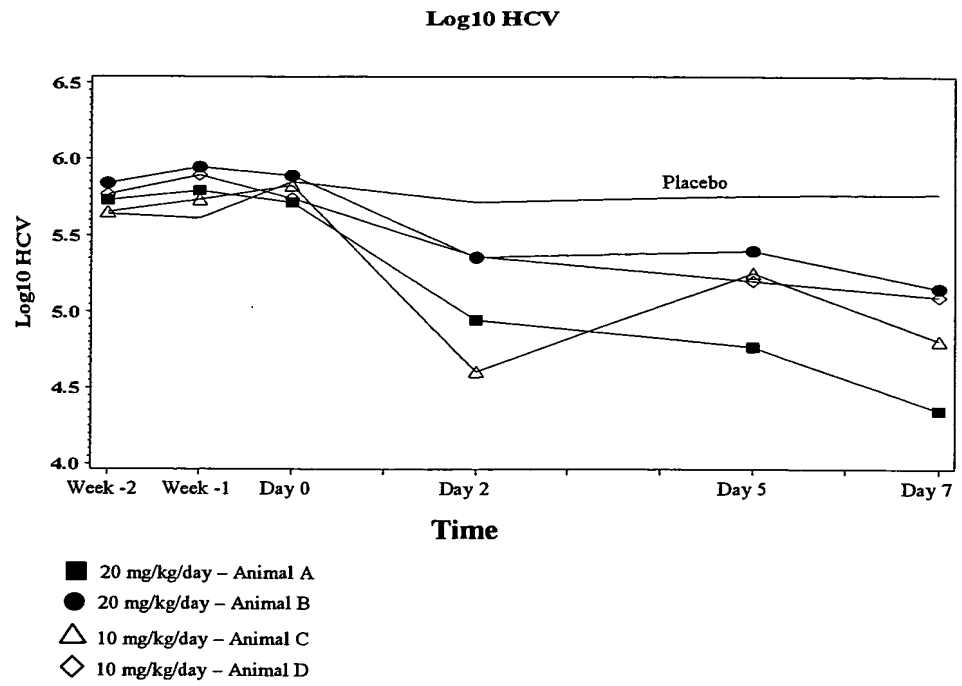


Figure 17

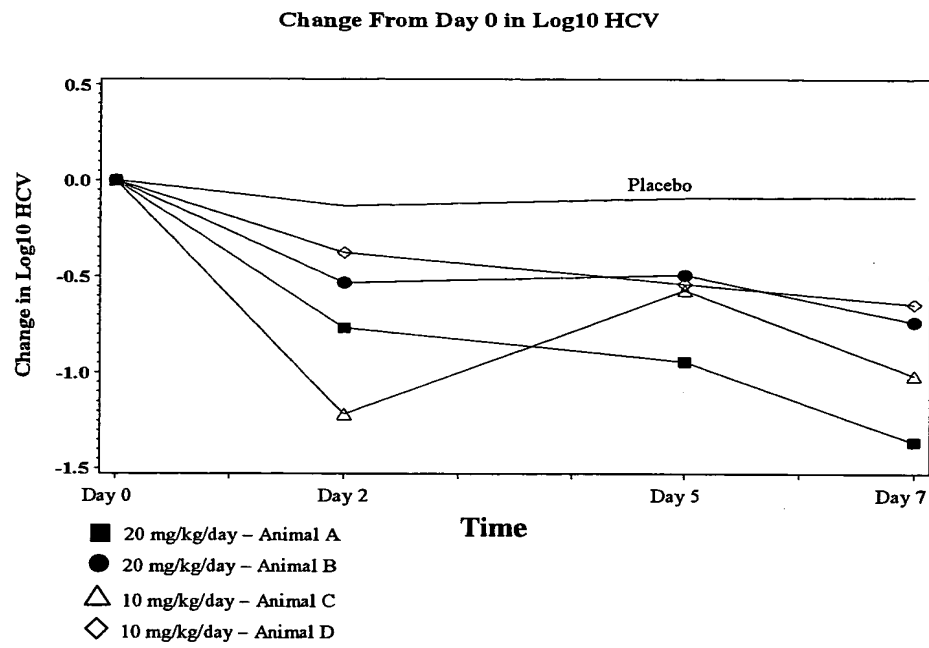


Figure 18

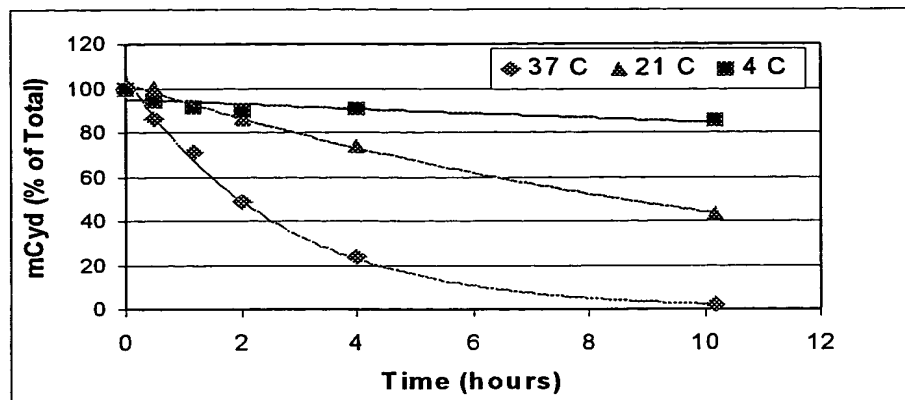
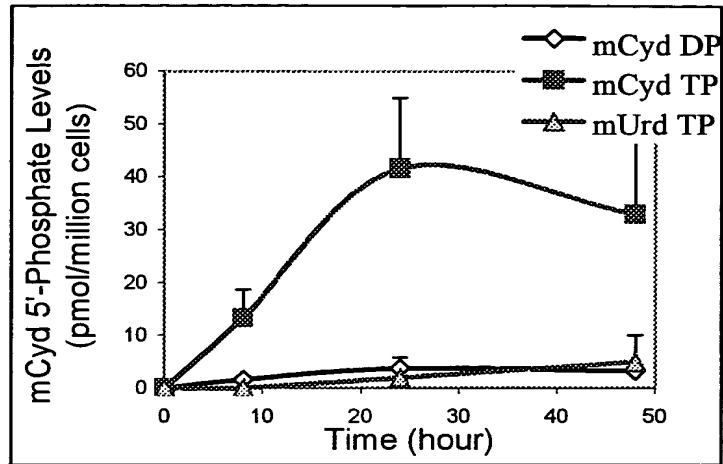
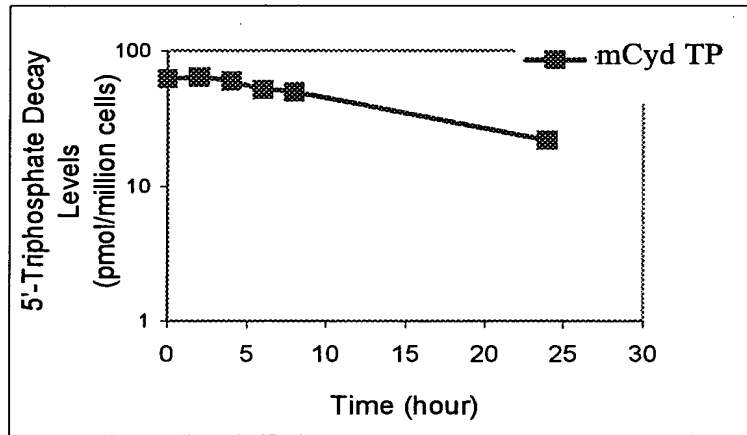


Figure 19

A.



B.



C.

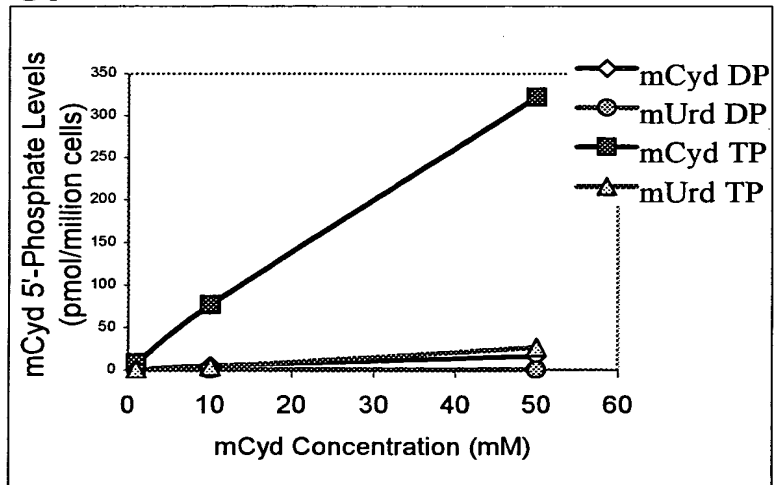


Figure 20

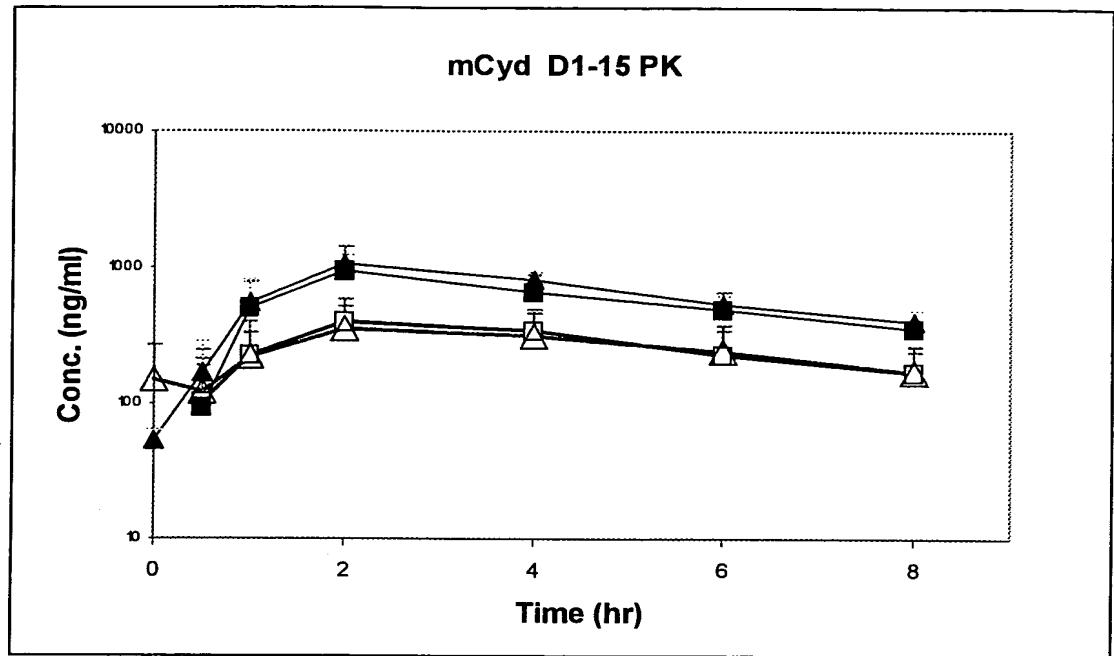


Figure 21

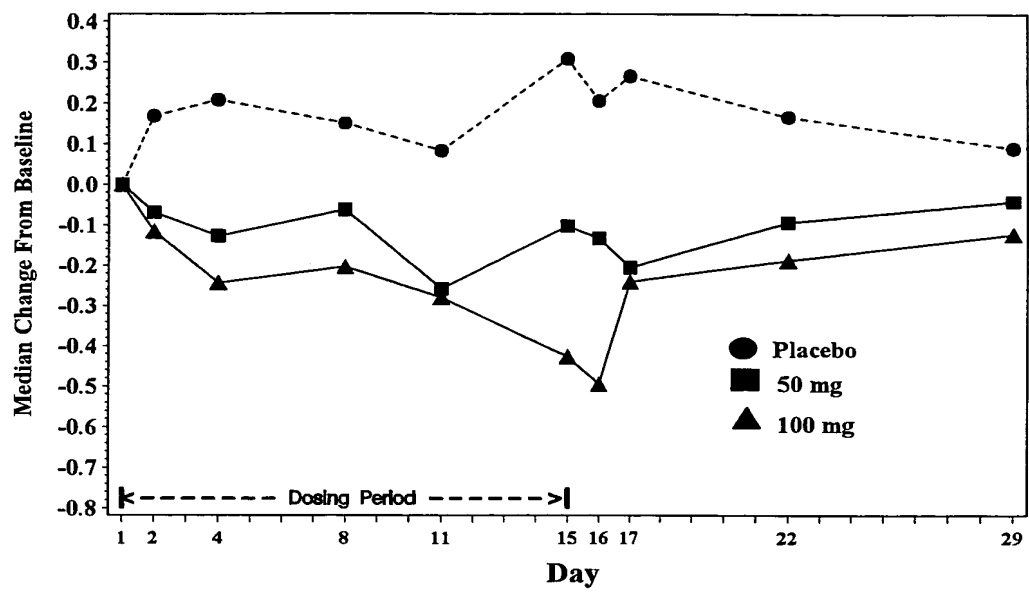
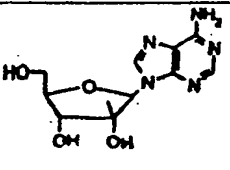
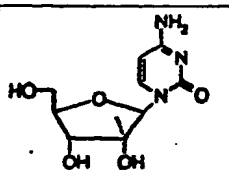
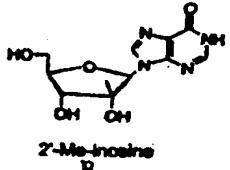
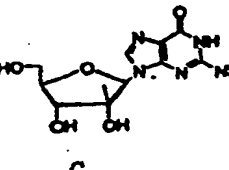
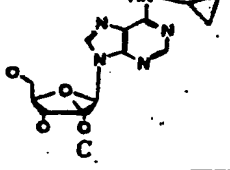
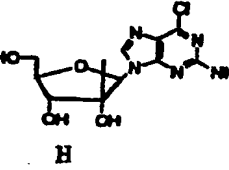
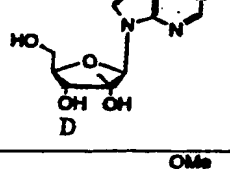
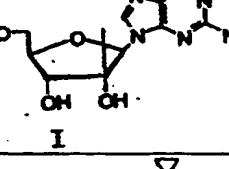
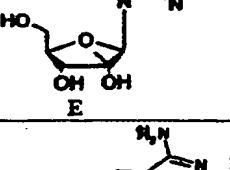
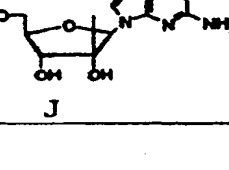
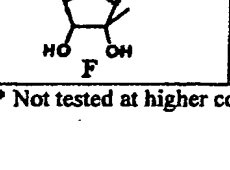


Figure 22

Compound	EC50 (μM)		CC50 (μM)		Compound	EC50 (μM)		CC50 (μM)	
	4.11.03	other	4.11.03	other		4.11.03	other	4.11.03	other
 A	0.5		7.4		 mCyd	1.5	0.9 0.7	50	49 42
 2-Me-Inosine B	56	45	>250	>250	 G	3.4	1.6	110	71
 C	38.6	27 30	>250	>250	 H		0.6		87
 D	0.5	<0.5 0.5	>62.5*	77 >62.5*	 I	3.7	2.9	>62.5*	>62.5*
 E	9.8	6.7 7.5	>250	>250	 J	73		>250	
 F		0.9 0.8		225 >250					

* Not tested at higher concentrations